

10/509700

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INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. 042726	Serial No. New Appln.
	Applicant(s): Kazutaka HARA et al.	
	Filing Date: September 30, 2004	Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)	
<u>ADS</u>	AA	10-54909	02/24/98	Japan	Cited in the PCT search report.
<u>ADS</u>	AB	2002-341343	11/27/02	Japan	Cited in the PCT search report.
<u>ADS</u>	AC	WO 00/39631	07/06/00	PCT	Cited in the PCT search report.

OTHER DOCUMENTS

Examiner	<u>no sl</u>	Date Considered 5/29/2007



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INFORMATION DISCLOSURE STATEMENT PTO-1449	Atty. Docket No. 042726	Serial No. 10/509,700
	Applicant: Kazutaka HARA et al.	
	Filing Date: September 30, 2004	Group Art Unit: 2872

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
ROS	AA	5,235,443	Barnik et al.	08/10/1993	359	37	02/24/1992
	AB	5,721,603	De Vaan et al.	02/24/1998	349	194	12/17/1996
	AC	6,307,604	Hikmet et al.	10/23/2001	349	71	02/02/1995
	AD	5,089,883	Welker et al.	02/18/1992	358	60	10/27/1989
	AE	5,928,801	Broer et al.	07/27/1999	428	690	09/24/1996
	AF	2002/0034009	Broer et al.	03/21/2002	359	497	09/18/2001
	AG	6,078,421	Davey et al.	06/20/2000	359	237	04/24/1998
	AH	2002/0036735	Arakawa et al.	03/28/2002	349	115	09/24/2001
	AI	4,984,872	Vick	01/15/1991	350	321	06/16/1989
	AJ	6,773,766	Meyer et al.	08/10/2004	428	1.1	05/07/2003
	AK	5,211,877	Andrejewski et al.	05/18/1993	252	299.01	08/31/1989
	AL	4,388,453	Finkelmann et al.	06/14/1983	528	15	05/05/1982
	AM	5,560,864	Goulding	10/01/1996	252	299.01	02/22/1995
	AN	5,833,880	Siemensmeyer et al.	11/10/1998	252	299.64	02/27/1995
	AO	5,580,950	Harris et al.	12/03/1996	528	350	10/13/1994
ROS	AP	5,580,964	Berneth et al.	12/03/1996	534	607	12/03/1996



FOREIGN PATENT DOCUMENTS

2 of 3

		Document No.	Date	Country	Translation (Yes or No)
127)	AQ	JP 3-45906	02/27/1991	Japan	Corresponding to "AA"
	AR	JP 6-324333	11/25/1994	Japan	Corresponding to "AB"
	AS	JP 7-36032	02/07/1995	Japan	Yes (Abstract only)
	AT	JP 6-235900	08/23/1994	Japan	Corresponding to "AC"
	AU	JP 2-158289	06/18/1990	Japan	Corresponding to "AD"
	AV	JP 10-510671	10/13/1998	Japan	Corresponding to "AE"
	AW	DE 3836955	05/03/1990	Deutschland	Corresponding to "AD"
	AX	DE 4220289	12/23/1993	Deutschland	Yes (Abstract only)
	AY	EP 0578302	01/12/1994	Europe	Corresponding to "AC"
	AZ	WO 02/25687	03/28/2002	PCT	n/a
→	BA	JP 2001-521643	11/06/2001	Japan	Corresponding to "AG"
	BB	JP 2001-516066	09/25/2001	Japan	Corresponding to "BC"
	BC	WO 99/09452	02/25/1999	PCT	n/a
	BD	JP 2002-533742	10/08/2002	Japan	Corresponding to "AJ"
	BE	WO 00/37585	06/29/2000	PCT	Corresponding to "AJ"
	BF	EP 0358208	03/14/1990	Europe	Corresponding to "AK"
	BG	EP 066137	12/08/1982	Europe	Corresponding to "AL"
	BH	WO 93/22397	11/11/1993	PCT	n/a
	BI	EP 0261712	03/30/1988	Europe	n/a
	BK	DE 19504224	08/24/1995	Deutschland	Corresponding to "AM"
	BL	DE 4408171	09/14/1995	Deutschland	Corresponding to "AN"
	BM	GB 2280445	02/01/1995	UK	n/a
	BN	WO 98/00428	01/08/1998	PCT	n/a
	BO	JP 6-82777	03/25/1994	Japan	Yes (Abstract only)
	BP	JP 2001-343529	12/14/2001	Japan	Corresponding to "BR"
	BQ	WO 01/37007	05/25/2001	PCT	Corresponding to "BR"
	BR	EP 1160591	12/05/2001	Europe	n/a
	BS	JP 10-321025	12/04/1998	Japan	Yes (Abstract only)
1275	BT	EP 0834754	04/08/1998	Europe	n/a



OTHER DOCUMENTS

3 of 3

RDS		W.A. Schurcliff "Polarized Light: Production and Use", Harvard University Press, Cambridge, Mass., 1965(Japanese ed.), pp. 136, with partial English translation
RDS		"Dictionary of Liquid Crystal" edited by Liquid Crystal Section at Japan Society for the Promotion of Science, published by Baifukan Co., Ltd., 1989, pp.65, with partial English translation
Examiner		R.D.S.L. Date Considered 5/29/2007

Combined Form PTO/SB/08A&B			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	10/509,700	
			Confirmation Number	2160	
			Filing Date	September 30, 2004	
			First Named Inventor	Kazutaka HARA	
			Art Unit	2872	
			Examiner Name	Ricky D. SHAFER	
Sheet	1	of	1	Attorney Docket Number	042726

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
RD	1	US 6,822,711	B1	11-23-2004	Yoshida et al.
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
RD	2	JP	2002-90535	A	03-27-2002	Nitto Denko Corp.	Yes (JPO)
RD	3	JP	2001-166294	A	06-22-2001	Casio computer Co., Ltd.	Corrs. to "1"
RD	4	JP	2001-264535	A	09-26-2001	Nitto Denko Corp.	Yes (JPO)
RD	5	JP	2002-55232	A	02-20-2002	Nitto Denko Corp.	Yes (JPO)
RD	6	JP	H11-3608	A	01-06-1999	Nitto Denko Corp.	Yes (JPO)
RD	7	JP	2001-330731	A	11-30-2001	Nitto Denko Corp.	Yes (JPO)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	<i>RD sh</i>	Date Considered	5/29/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.